

FROWEIN GMBH & CO. KG

Detmol-plus

Use

Indoor pest control in sensitive areas as for example households, schools, nursery schools, etc.

Detmol-plus is also useful as an additive in order to improve the knockdown and flushing effect of liquid insecticide preparations. National regulations for application and trading have to be observed.

Type

Emulsifiable concentrate (EC).

Active Ingredients

Pyrethrum extract 25 % (233 g/l) + piperonyl butoxide (466 g/l), contains Isoalkanes C9 - C12, contains distillates (crude oil).

Mode of Action

Rapid knockdown effect by contact with spray droplets and the wet spray deposit. No residual effect. Strong flushing effect in case of cockroaches.

Special Features

- Rapid decomposition of the natural active ingredient pyrethrum (photolysis).
- Without solvents.
- Detmol-plus is also an additive for water diluted and ready-to-use products (catalyzer).

Dosage

15 - 100 ml/m² depending on kind of surface. The preparation should not run off.

Application

Expose hiding places of crawling insects if possible. Take care that all infested, frequented and suspected places are spot-sprayed.

To improve the knockdown and flushing effect of liquid concentrates add 0,5 - 1 % Detmol-plus, in relation to the ready-to-use preparation (i.e. 25 ml or 50 ml to 5 litre). Unscrew red cap, press bottle gently until the measuring chamber is filled. Surplus liquid flows back into the bottle. Add the measured liquid to water and shake it well.

In case of use as an admixture: First dilute the emulsions concentrates and suspensions concentrates with water as directed and then add Detmol-plus. Afterwards, shake again. If you are in doubt make a test with small quantities.

Normal dilution rate for pest control is 2 - 3 %. Suitable application equipment are "808" SprayBOSS or similar pressure sprayers. Spraying pressure should not exceed 2 bar. Use the preparation within 24 hours.

Control

Before controlling find out kind and extent of infestation by using adhesive traps and pheromone traps (for example Detektiv S).

Cockroaches

Cockroaches prefer warm and dark hiding places near water and food. Advanced building technique provides a great number of ideal hiding places, as for example built-in furniture, insulating panels, insulating material, double ceilings, linings, conduits, etc. Central heating, bathrooms, dishwashing machines, cooling aggregates, dryers, ovens, boilers, etc. provide the necessary heat.

If harbourages are sprayed, cockroaches leave them and are knocked down. Pests contacting fresh deposits are also killed immediately. The deposit of Detmol-plus degrades within 1 - 2 days, especially under the action of light.

Repeat treatment after 5 weeks (German cockroaches) and 5 months respectively (Oriental cockroaches).

Fleas

Hoover floors, carpets, upholstered furniture and the like before application. Pay attention to corners and edges. Put dust bag into a plastic bag, render it airtight and throw it away as soon as possible. Pay attention to favoured places as for example sleeping places of pets. Repeat treatment after 2 - 4 weeks. Take infested pets to a veterinary.

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Prevention

Measures to prevent an infestation and its spread respectively are of importance. Part of these measures are for example closing or elimination of suspected hiding places, hygienic conditions owing to regular cleaning, control of incoming goods, optimal storage conditions, clear storekeeping, inspection of rooms at regular intervals and last but not least early control measures.

Caution

Inflammable. Harmful: may cause lung damage if swallowed. Risk of serious damage to eyes. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep out of reach of children and away from food, beverages and feed. Avoid every unnecessary contact with the product. Misuse may be harmful.

Wear suitable protective clothing (for example „808“ Overall light), protective gloves and eye/face protection during application. In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe spray. If swallowed, do not induce vomiting: seek medical advice immediately and show container or label.

All persons except the applicator have to leave the room. Remove unpacked foodstuffs and feed, animals and pets before application. Cover aquariums and terrariums. Cover kitchen utensils, exposed dishes, benches or wash or clean them before use with an alkaline detergent.

Avoid contact with fresh, moist deposits. Keep away from children and pets.

Do not spray on exposed electrical equipment/switches.

Do not spray on sensitive surfaces (for example polishes, some plastics).

Ventilate rooms thoroughly before reoccupying them (until spraying deposit is completely dry).

Store package tightly sealed in cool places protected from light. Keep away from waters. This material and its container must be disposed of in a safe way. Avoid release to the environment. Refer to special instructions/safety data sheets.

Disposal

Wastes resulting from the use of this product are to be disposed at an approved waste disposal facility. Completely empty packages are to be offered for recycling.

Packaging

Plastic u-turn container, 500 ml.

Use biocides safely. Always read the label and product information before use.



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FROWEIN GMBH & CO. KG

Detmol-cap

Use

Control of cockroaches, beetles and other crawling insects. National regulations for application and trading have to be observed.

Type

Flowable microencapsulated concentrate (CS) to be diluted with water.

Active Ingredient

Microencapsulated cyphenothrin (100 g/l).

Mode of Action

Effective by contact with the spray deposit and as stomach poison by ingestion of the microcapsules when preening itself. Residual effect of 3 - 4 months on all surfaces.

Fast speed of action compared to other microencapsulated concentrates.

Special Features

- Excellent action on smooth and porous surfaces.
- Unobtrusive. Odourless.
- Overcomes resistance.
- No vapours of the active ingredient.
- No skin irritation.
- Tested according to § 18 Protection against infection Act for control of German cockroaches and approved for officially directed disinfestations. Official identification number B-0155-00-00.

Dosage

Detmol-cap is sprayed as 1 % water dilution; 5 l ready-to-use preparation requires 50 ml of the concentrate. (If you use a packing with dosing feeder: two measuring chambers each 25 ml). If rooms are heavily infested with cockroaches and the rooms are treated the first time 2 % water dilutions are recommended.

Depending on kind of surfaces 15 - 100 ml ready-to-use preparation per m² are sufficient. The preparation should not run off.

Application

When preparing the dilution first mix the necessary quantity of Detmol-cap with the same quantity of water and then add the

remaining water. Thus formation of lumps that might clog nozzles will be avoided. The pressure sprayer has to be shaken every 15 minutes in order to avoid sedimentation of microcapsules.

If flushing effect is desired 0,5 - 1% Detmol-plus (containing pyrethrum and piperonyl butoxide) can be added to the mixture. Afterwards, shake again. Suitable application equipment are "808" SprayBOSS or similar pressure sprayers.- Spraying pressure not above 2 bar.

Cockroaches

Cockroaches prefer warm and dark hiding places near water and food, for example cracks, crevices and hollow spaces near stoves, baking ovens, dish-washers and other sources of heat, sinks and wash-bowls, tiles, wainscots, cupboards, shelves, door panel linings, baseboards and the like. Pay also attention to undersides of shelves, drawers, tables, chairs as well as cutting through for pipes, sewers, shafts, ceiling beams, etc. In case of cockroaches the treatment is to be repeated at least once (German cockroaches: after 5 weeks if the residues are wiped off; Oriental cockroaches and American cockroaches: after 5 months) in order to control the hatching nymphs after leaving their protecting egg capsules.

Caution

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep out of the reach of children and away from food, drink and animal feedingstuffs. Do not breathe spray. Wear suitable protective clothing and protective gloves during application. In case of insufficient ventilation, wear suitable respiratory equipment. Application only according to instruction for use. Avoid every unnecessary

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PRODUKTINFORMATION

contact with the product. Misuse may be harmful. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/safety data sheet.

All persons except the applicator have to leave the room. Remove unpacked foodstuffs and feed, domestic cattle and pets as well as toys, exposed dishes and other commodities before application. Cover kitchen utensils, tables, benches and other surfaces on which food is stored, prepared or consumed as well as clothes, seating furniture or other surfaces which are often contacted by skin or wash or clean them before use with an alkaline detergent. Do not widely apply the preparation (for example on carpeted floors, walls, etc.) in sickrooms, nursery schools, schools, living-rooms, offices, etc. but prefer spot spraying of all hiding places and their immediate surroundings. Avoid contact with fresh, moist deposits. Keep away children and pets. Do not spray on exposed electrical equipment/switches. Do not spray on sensitive surfaces (for example polishes, some plastics). Ventilate rooms thoroughly before reoccupying them (until the spray deposit is completely dry). Store package tightly sealed in cool places protected from frost.

Disposal

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Plastic container, cont. 5 l

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